

Scotland Data Set

This dataset is a subset of data collected by Dr. Pamphilis and Dr. Fogarty as part of a research project around voting intentions in the UK. The data in this data set contains responses from 100 respondents from Scotland. The survey took place in September of 2019 and contained questions around political interest, voting, and public opinion on voting fraud. This mini-data set will be used throughout the semester as our working example. We will work on cleaning the data set, renaming variables, adding labels to values, summarising variables, and looking for patterns of association between variables.

The data we will work with is real data, collected by a survey company, and is in its raw form, which means it is not ready for analysis just yet. We will need to work through cleaning it up. If you look through the variable names and coding schemes you may be able to see why.

Variable Name	Label	Level of Measurement	Coding
age	Age of respondent in years	Interval	continuous number
region	Region of Scotland respondent is from	Nominal	1=North East Scotland 2=Highlands & Islands 3= South Scotland 4=West Scotland 5=Central Scotland 6=Mid-Scotland & Fife 7=Lothians 8=Glasgow
income	Gross personal income in pounds per year	Ordinal	1=<5,000 2=5,000-9,999 3=10,000-14,999 4=15,000-19,999 5=20,000-24,999 6=25,000-29,999 7=30,000-34,999 8=35,000-39,999 9=40,000-44,999 10=50,000-59,999 11=60,000-69,999

			15=Don't know 16=Prefer not to answer
education	Highest level of education completed	Ordinal	1=Low 2=Medium 3=High
ideology	On a scale from 0 (left) to 10)right where do you place yourself in terms of political matters	Ordinal	0 (left) 1 2 3 4 5 6 7 8 9 10 NA=Don't Know NA=Skipped
partyid	Generally speaking, which party do yourself think you are closest to	Nominal	1=Conservative 2=Labour 3=Liberal Democrat 4=SNP 7=Green Party 10=None 12=Brexit Party 99=Don' know
polattention	How much attention do you pay to politics	Ordinal	0 (no attention at all) 1 2 3 4 5

			6 7 8 9 10 (a great deal of attention)
fraud	How much do you agree or disagree with the following statement: <i>“Voter and electoral fraud is a serious problem in UK elections”</i>	Ordinal	1=strongly disagree 2=disagree 3=slightly disagree 4=neither agree/disagree 5=slightly agree 6=agree 7=strongly agree
alter_election	Do you agree or disagree that there is enough voter fraud in some areas to alter election outcomes in the UK?	Ordinal	1=strongly disagree 2=disagree 3=slightly disagree 4=neither agree/disagree 5=slightly agree 6=agree 7=strongly agree
fraud_safeguard	Do you agree or disagree that there are sufficient safeguards to prevent voter fraud in UK elections?	Ordinal	1=strongly disagree 2=disagree 3=slightly disagree 4=neither agree/disagree 5=slightly agree 6=agree 7=strongly agree
integrity_election	How confident, if at all, are you in the integrity of elections in the UK?	Ordinal	1=very confident 2=fairly confident 3=not very confident 4=not at all confident 5=don't know